

MORRISON | FOERSTER

425 MARKET STREET
SAN FRANCISCO
CALIFORNIA 94105-2482

TELEPHONE: 415.268.7000
FACSIMILE: 415.268.7522

RECEIVED
WWW.MORO.COM
CENTRAL FAX CENTER

JUN 30 2005

MORRISON & FOERSTER LLP
NEW YORK, SAN FRANCISCO,
LOS ANGELES, PALO ALTO,
SAN DIEGO, WASHINGTON, D.C.
DENVER, NORTHERN VIRGINIA,
ORANGE COUNTY, SACRAMENTO,
WALNUT CREEK, CENTURY CITY
TOKYO, LONDON, BEIJING,
SHANGHAI, HONG KONG,
SINGAPORE, BRUSSELS

To:

NAME:	FACSIMILE:	TELEPHONE:
U.S. Patent and Trademark Office ATTN: CENTRALIZED FAX CENTER	(703) 872-9306	

FROM: Peter J. Yim
Reg. No. 44,417

DATE: June 30, 2005

Number of pages with cover page:	12	
-------------------------------------	-----------	--

Preparer of this slip has confirmed that facsimile number given is correct: **PJY1/8566****CAUTION - CONFIDENTIAL**

This facsimile contains confidential information which may also be privileged. Unless you are the addressee (or authorized to receive for the addressee), you may not copy, use, or distribute it. If you have received it in error, please advise Morrison & Foerster LLP immediately by telephone or facsimile and return it promptly by mail.

Comments:**PLEASE PROCESS THE ATTACHED.**

Re: U.S. Patent Application No. 10/608,300
For: OPTICAL METROLOGY OF STRUCTURES FORMED ON
SEMICONDUCTOR WAFERS USING MACHINE LEARNING
SYSTEMS
By: Srinivas DODDI et al.
Our reference: 50998-20055.00

Attached is the following:

1. Transmittal (1 page)
2. Amendment Under 37 C.F.R. 1.111 (10 pages)

sf-1957146

JUN. 30. 2005 1:07PM MOFO 28TH FL

RECEIVED
CENTRAL FAX CENTER NO. 380 P. 2

JUN 30 2005

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

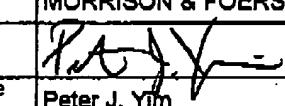
Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/608,300
		Filing Date	June 27, 2003
		First Named Inventor	Srinivas DODDI
		Art Unit	2121
		Examiner Name	J. Zhu
Total Number of Pages in This Submission	11	Attorney Docket Number	509982005500

ENCLOSURES (Check all that apply)

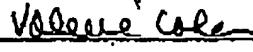
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply (10 pages)	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Facsimile Cover Sheet
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MORRISON & FOERSTER LLP (Customer No. 20872)		
Signature			
Printed name	Peter J. Yim		
Date	June 30, 2005	Reg. No.	44,417

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 372-9306, on the date shown below.

Dated: June 30, 2005

Signature:  (Valerie Cohen)

sf-1857142

JUN. 30. 2005 1:07PM MOFO 28TH FL

RECEIVED NO. 380 P. 3
CENTRAL FAX CENTER

JUN 30 2005

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.

Dated: June 30, 2005 Signature: Valerie Cohen
(Valerie Cohen)

Docket No.: 509982005500
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Srinivas DODDI et al.

Application No.: 10/608,300

Filed: June 27, 2003

Art Unit: 2121

**For: OPTICAL METROLOGY OF STRUCTURES
FORMED ON SEMICONDUCTOR WAFERS
USING MACHINE LEARNING SYSTEMS**

Examiner: J. Zhu

AMENDMENT UNDER 37 C.F.R. 1.111

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is in response to the non-final Office Action dated March 30, 2005, (Part of Paper No./Mail Date 20050321), for which a response is due on June 30, 2005. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

sf-1957155